

MINERAL SURVEY No. 3877

ARIZONA

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Mammon Copper Company

KNOWN AS THE MAMMON, MAMMON ZEOLITE, MAMMON ZEOLITE NO. 1, MAMMON ZEOLITE NO. 10, and MAMMON ZEOLITE No. 11 lodes

Seneca ~~mining~~

Mining District,

Yuma

County,

Arizona

Section s 3 - 4 ~~and 34~~, Township 9 ^N ~~and 10 N~~, Range 18 ^{W, G. and S. E. M.} ~~W.~~

Surveyed under instructions dated January 8th., 1923

by Edward L. Huff

U. S. Mineral Surveyor.

Claim located ~~see location certificates~~, 19

Survey commenced January 13th., 1923

Survey completed January 15th., 1923

Address of claimants: Dr. H.H. Stone, Agent, Phoenix, Arizona. J. M. Boyle, Supt., Route 2, Box 19, San Diego, Cal.

DATES OF AMENDED LOCATIONS.

November 9th. 1922

Mineral Survey No. 3877

Mammon lode

Feet Beginning at Cor. No.1.
 Identical with Cor. Nos. 1, Mammon Zeolite, Mammon Zeolite No.10 and Mammon Zeolite No.11 lodes of this survey.
 A basalt rock 6 x 10 x 27 ins. set 18 ins. in the ground with a mound of stone 3 ft. high along side, chiseled a cross (x) at corner point and 1-M., 1-M.Z., 1-M.Z.10, 1- M.Z. 11, - 3877. Whence;-
 The $\frac{1}{4}$ Cor. between sections 3 and 34 T. 9 and 10 N. R. 18 W. G. and S.R. M. bears N. 84 ° 16' E. 450.79 ft.
 Thence S. 16° 21' E.
 300 To East end center.
 Identical with West end center Mammon Zeolite No.11 lode of this survey. A basalt rock 6 x 11 x 26 ins. set 18 ins. in the ground with mound of stone 3 ft. high alongside, chiseled, a cross (x) at center point and E.E.C. M, - W.E.C. M.Z.11,- 3877 .
 600 To Cor. No. 2.
 Identical with Cor. No.4 Mammon Zeolite No.11 lode of this survey, A basalt rock 11 x 13 x 28 ins set 18 ins. in the ground with mound of stone 3 ft. high alongside, chiseled, 2-M.,- 4 - M.Z. 11,- 3877.
 Thence S. 73 ° 39' W.
 1500. To Cor. No. 3.
 Identical with Cor..No.2 Mammon Zeolite No.1 lode of this survey, A basalt rock 8 x 12 x 26-ins. set 18 ins. in the ground with a mound of stone 3 ft. high alongside, chiseled, 3 - M., 2 - M.Z. No.1,- 3877 .
 Thence N. 16 ° 21 ' W.
 300. To West end center
 Identical with East end center Mammon Zeolite No.1 lode of this survey. A basalt rock 4 x 10 x 24-ins. set 18-ins. in the ground with a mound of stone 3 ft. high alongside, chiseled, a cross (x) at center point and W.E.C.- M., E.E.C. M.Z.1,-3877.
 600 To Cor. No.4.

Feet

Identical with Cor. Nos. 2 - 1 Mammon Zeolite and Mammon Zeolite No. 1 lodes of this survey.

A basalt rock 9 x 12 x 24 ins. set 18 ins. in the ground with a mound of stone 3 ft. high alongside, chiseled, a cross (x) at corner point and 4 - M., 2 - M.Z., 1 - M.Z. 1, - 3877 .

Thence N. 73° 39' E.

1500. To Cor. No.1 the place of beginning.

MAMMON ZEOLITE lode.

Beginning at Cor. No.1,

Identical with Cor. Nos. 1 , Mammon, Mammon Zeolite No. 10 and Mammon Zeolite No.11 lodes of this survey , hereinbefore described. Whence -

The $\frac{1}{4}$ Cor. between sections 3 and 34 T. 9 and 10 N., R. 18 W. G. and S.R. M. bears N. 84° 16' E. 450.79 ft.

Thence S. 73°39' W.

1500. To Cor. No. 2.

Identical with Cor. Nos. 4 - 1 , Mammon and Mammon Zeolite No.1, lodes of this survey, hereinbefore described.

Thence N. 16°21' W.

300. To West end center .

A basalt rock 9 x 13 x 26 ins. set 18 ins. in the ground with a mound of stone 3 ft. high alongside, chiseled, a cross (x) at center point and W.E.C. M.Z., - 3877.

600. To Cor. No.3.

A basalt rock 12 x 18 x 30 ins. set 18 ins. in the ground with a mound of stone 3 ft. high alongside, chiseled, with a cross (x) at corner point and 3 - M.Z. - 3877.

Thence N.73°39' E.

1250. To center of gravel Wash, 50 ft. wide , runs northwesterly.

1500. To Cor. No. 4.

Identical with Cor. No.2 Mammon Zeolite No.10 lode of this survey. A basalt rock 6 x 10 x 27 ins. set 18 ins. in the

ground with a mound of stone 3 ft. high alongside, chiseled, a cross (x) at corner point and M.Z.-4 , 2 - M.Z. 10,- 3877.

Thence S. 16°21' E.

Feet

65. Center of Gravel wash 50 ft. wide, runs westerly.

285. Witness Corner for East end center Mammon Zeolite and West end center Mammon Zeolite No.10 lodes of this survey.

A basalt rock 7 x 11 x 27 ins. set 18 ins. in ground with a mound of stone 3 ft. high alongside, chiseled, a cross (x) at center point and W.C. -E.E.C. M.Z.,- W.E.C. - M.Z. 10, -3877

300 To True point for east end center, not set as it comes under the office building, where a corner could not be established.

600. To Cor. No.1 the place of beginning.

MAMMON ZEOLITE No.1 lode.

Beginning at Cor. No.1

Identical with Cor. Nos.4 and 2 Mammon and Mammon Zeolite lodes of this survey, hereinbefore described. Whence :-

The corner to sections 3 - 4, 33 and 34, T.9 S. and N.10 N. R. 18 W., G. and S.R. M. bears N.57°47' W. 893.33 ft.

Thence S. 16°21' E.

300. To east end center .

Identical with west end center Mammon lode of this survey hereinbefore described.

600. To Cor. No.2.

Identical with Cor. No.3 Mammon lode of this survey hereinbefore described.

Thence S. 57°48' W.

1500. To Cor. No.3

A basalt rock 10 x 14 x 26 ins. set 18 ins. in the ground with a mound of stone 3 ft. high alongside. chiseled, a cross (x) at corner point and 3 - M.Z. 1,- 3877

Thence N.16°21' W.

300. To West end center .

A basalt rock 9 x 15 x 28 ins. set 18 ins. in the ground with a mound of stone 3 ft. high alongside, chiseled, a cross (x) at center point and W.E.C. -M.Z.1,-3877.

600. To Cor. No.4.

A basalt rock 14 x 16 x 29 ins. set 18 ins. in the ground with a mound of stone 3 ft. high alongside, chiseled, a cross (x)

rect

at corner point and 4 - M.Z.1 - 3877

Thence N. 57°48' E.

1500. To Cor. No.1 the place of beginning .

MAMMON ZEOLITE No.10 lode.

Beginning at Cor. No.1.

Identical with Cor. Nos. 1 Mammon, Mammon Zeolite, and Mammon Zeolite No.11 lodes of this survey, hereinbefore described.

Whence ; ^{1/4} The Corner between sections 3 and 34 T.9 and 10 N. R. 18 W., G and S.R. M. bears N. 84°16' E. 450.79 ft.

Thence N. 16°21' W.

300. To west end center point.

Not set as it falls under the Office building where a corner could not be established.

315. Witness corner to west end center, ^{identical with W.C. to East End Center} Mammon Zeolite ~~and Mammon Zeolite No.10~~ lodes of this survey hereinbefore described.

435. Center of Gravel wash 50 ft. wide, runs westerly.

600. To Cor. No.2.

Identical with Cor. No.4 Mammon Zeolite lode of this survey hereinbefore described.

Thence N. 73°39' E.

1500. To Cor. No.3.

A basalt rock 6 x 12 x 30 ins. set 18 ins. in the ground with a mound of stone 3 ft. high alongside, chiseled, a cross (x) at corner point and 3 - M.Z.10, -3877

Thence S. 16°21' E.

300. To East end center .

A basalt rock 8 x 12 x 27 ins. set 18 ins. in the ground with a mound of stone 3 ft. high alongside, chiseled, a cross (x) at center point and E.E.C.- M.Z.10 - 3877.

600. To Cor. No.4

Identical with Cor. No.2 Mammon Zeolite No.11 lode of this survey, a basalt rock 6 x 14 x 26 ins. set 18 ins. in ground with a mound of stone 3 ft. high alongside, chiseled, a cross (x) at corner point and 4 - M.Z.10, - 2 - M.Z.11, -3877

Thence S. 73°39' W.

- Feet
80.
1500
- Center of Gravel Wash , 50 ft. wide runs northwesterly.
to Cor. No.1 the place of beginning .
- MAMMON ZEOLITE No.11 lode.
- Beginning at ~~Cor.~~ Cor. No.1.
- Identical with Cor. Nos. 1, Mammon, Mammon Zeolite and
Mammon Zeolite No.10 lodes of this survey , hereinbefore described.
- Whence :- The ^{1/2} Cor. between sections 3 and 34 T. 9 and 10 N. R. 18
W., G and S.R. M. bears N. 84° 16' E. 450. 79 ft.
- Thence N. 73°39' E.
1420.
1500.
- Center of Gravel Wash , 50 ft. wide runs northwesterly.
To Cor. No.2 .
- Identical with Cor. No.4 Mammon Zeolite No.10 lode of this
survey , hereinbefore described.
- Thence S.16°21' E.
60.
300.
- Center of Gravel Wash 45. ft. wide, runs northwesterly.
To East end center .
- " A basalt rock 7 x 10 x 30 ins. set 18.ins. in the ground
with a mound of stone .3 ft. high alongside. chiseled, a cross (x)
at center point and E.E.C. - M.Z. 11,- 3877.
- 600.
- To Cor. No.3
- A basalt rock 11x 15 x 28 ins. set 18 ins. in the ground
with a mound of stone 3 ft. high alongside, chiseled, a cross (x)
at corner point and 3 - M.Z. 11,- 3877.
- Thence S. 73°39' W.
- 1500.
- To Cor. No.4.
- Identical with Cor. No.2 Mammon lode of this survey,
hereinbefore described .
- Thence N.16°21' W.
- 300.
- To West end center .
- Identical with East end center Mammon lode of this survey,
hereinbefore described.
- 600.
- To Cor. No.1 the place of beginning.

Variation at all corners 16°30' East.

LODE LINES

As near as can be determined from present developments the
veins of the several lodes embraced in this survey , extend from

their respective discovery points as follows , to wit :

MAMMON lode

N.73°39' E. 380 ft. and S.73°39' W. 1120. ft.

MAMMON ZEOLITE lode.

N.73°39' E. 750. ft. and S.73°39' W. 750 ft.

MAMMON ZEOLITE No.1 lode.

N.57° 48' E. 1370 ft. and S.57°48' W. 130 ft.

MAMMON ZEOLITE No.10 lode.

N.73°39' E. 47 ft. and S.73°39' W. 1453. ft.

MAMMON ZEOLITE No.11 lode.

N. 73° 39' E. 745. ft. and S.73°39' W. 755. ft.

A R E A

Total area Mammon lode	20.661	acres
Total area Mammon Zeolite lode	20.661	"
Total area Mammon Zeolite No.1 lode	19.876	"
Total area Mammon Zeolite No.10 lode	20.661	"
Total area Mammon Zeolite No.11 lode	20.661	"

The survey of this claim is identical with the respective locations as found marked upon the ground.

LOCATION

This survey is located in ~~the N. 1/2 Secs. 3 and N.E. 1/4~~ ^{Unsur.} ~~Sec. 4 T. 9 N. R. 18 W., and the S. 1/2 Sec. 34 T. 10 N. R. 18 W.~~ Gila and Salt River Meridian.

ADJOINING CLAIMS

None .

EXPENDITURE OF FIVE HUNDRED DOLLARS:

I certify that the value of the labor and improvements made upon or for the benefit of each lode of this claim by the claimant or its grantors , is not less than five hundred dollars and that said improvements consist of :

On MAMMON lode,

- No.1 The Discovery tunnel the face of which is on the lode line , 380 ft. from the East end center; 4 x 6 ft. runs N.50°W. 8 ft. to mouth, Thence a cut 4 ft. wide 12 ft. face runs N.30°W. 28 ft. to mouth

in copper bearing schist and limestone.

Value of Tunnel and cut \$200.00

No.2 A cut the mouth of which bears from Cor. No.1. S.54°55' W. 660. ft. 5 ft. wide runs S.35° E. 21 ft. to an 8 ft. face, in mineralized schist and limestone.

Value \$ 80.00

No.3 A shaft which bears from Cor. No.1 S.55°30' W. 625 ft. 4 x 6 ft. 15 ft. deep , in mineralized schist and limestone.

Value \$200.00

No.4 A shaft which bears from Cor. No.4, S.85°00' E. 417 ft. 4 x 6 ft. 18 ft. deep in mineralized schist and limestone.

Value \$200.00

No.5 A cut the center of the mouth of which bears from Cor. No. 4 S.87°55' E. 442. ft. 54 ft. wide , runs S.65° E. 15 ft. to face 10 ft. high and 50 ft. wide, in schist and limestone and copper ore.

Value \$800.00

No.6 A tunnel the portal of which bears from Cor. No.1, S.57°25' W. 281 ft. 4 x 6½ ft., runs S.22°15' W. 387 ft. to bend , thence S.72°18' E. 20 ft. to face, At a point 43 ft. from the portal a drift 4 x 6½ ft. runs West 43 ft. to face, At a point 58 ft. from the portal a drift 4 x 6½ ft. runs S.75° W. 70 ft. to face. all in schist and limestone rock and copper ore.

Value of tunnel and drifts \$7800.00

No.7 A Tunnel the portal of which bears from Cor, No.1, S.50°50' W. 185. ft. 4 x 6½ ft. runs S.5°18' W. 66 ft. to point A, Thence N.79°35' W. 112 ft. to point B, Thence S.67°20' W. 113 ft. to point C, Thence S.66°37'W. 39 ft. to point D. Thence S.66°37'W. 52 ft. to face. From point A the tunnel runs S.4° W. 21 ft. to face From point D, an incline raise 4 x 6 ft. runs S.14°30'W. 43 ft. to face , incline 27°. From point C, a drift 4 x 6 ft. runs S. 3°04' E. 21 ft. to point E. thence S.49°10' E. 18 ft. to point F. thence S. 55°53'E. 63 ft. to point G. From point G, drifts 4 x 6 ft. run S.55°53'E. 11 ft. to face , S.45°W. 22 ft. to face, and N.12° E. 23 ft. to face respectively; all in schist and limestone rock and copper ore.

Value of Tunnel, Drifts and Raise \$9075.00

The work in this tunnel has been done for the joint benefit of all the lodes of this claim , the ground rises rapidly toward the East south and west, so that workings extended from this tunnel will tend to develop all of the lodes of this group and the extraction of ore therefrom.

This work is therefore a common improvement for the benefit of all of the lodes of this claim , and an undivided one fifth interest in the total value of this work is properly accredited to each lode in this group. and an undivided one fifth interest in this improvement is accredited to this lode.

Value \$1815.00

On the MAMMON ZEOLITE lode.

No.1 The discovery cut, the easterly corner of the mouth of which is on the lode line 750 ft. from the east end center, cut is 36 ft. wide runs S.34° W. 5 ft. to a 4 ft. face , in schist, limestone and copper ore.

Value \$180.00

No.2 A shaft which bears from Cor. No.1 N.83°25' W.870 ft. 6 x 6 ft. 5 ft. deep in rock.

Value \$ 50.00

No. 3	An open cut , the west end of which bears from Cor. No.2, N.56°45'E. 660 ft. 5 ft. wide 4 ft. deep extends S.75°E. 36 ft. to east end in rock.	Value	\$180.00
No. 4	A shaft which bears from Cor. No.2 N.56°25' E. 632 ft. 6 x 6 ft. 5 ft. deep in rock .	Value	\$ 60.00
No. 5	A shaft which bears from Cor. No.2, N. 57°05'E. 473 ft. 4 x 5 ft. 6½ ft. deep in rock.	Value	\$ 65.00
No. 6	A Cut the mouth of which bears from Cor. No.2 N.65°15' E. 612 ft. 5 ft. wide runs N.40°E. 12 ft. to an 8 ft. face, in rock.	Value	\$ 80.00
No. 7	A cut the mouth of which bears from Cor. No.1, S.75°40' W. 540 ft. 4½ ft. wide runs west 26 ft. to a 12 ft. face, at face of cut a Tunnel 4 x 6½ ft. runs west 20 ft. to face, all in schist rock and copper bearing ore.	Value of cut and tunnel	\$320.00
No. 8	A cut the center of the face of which bears from Cor. No.1 S.75°W. 404 ft. 10 ft. face 39 ft. wide , runs N.35° W. 18 ft. to mouth, in schist, limestone and copper ore.	Value	\$390.00
No. 9	A cut the mouth of which bears from Cor. No.1, S.82°55' W. 372 ft. 4 ft. wide runs S.20° E. 12 ft. to a 9 ft. face, in schist, limestone and copper ore.	Value	\$ 75.00
No. 10	An incline shaft which bears from Cor. No.1 N.59°55' W. 269 ft. 4 x 7 ft. extends S.46° W. on a 50° incline 150 ft. to bottom, At a point 64 ft. below the collar , a drift 4 x 6 ft. runs N.77° E. 9 ft. thence S.27° E. 35 ft. to face. all in copper bearing schist and limestone.	Value of shaft and drifts	\$4940.00
No.11	A cut the mouth of which bears from Cor. No.1 N.55°25' W. 485 ft. 4 ft. wide runs S.40° E. 18 ft. to a 10 ft. face, at face of cut a Tunnel 4 x 6½ ft. runs S.40° E. 18 ft. to face in rock.	Value of cut and tunnel	\$ 280.00
No. 12	An open cut the east end of which bears from Cor. No.1, N.45°55'W. 433 ft. 3 ft. wide 5 ft. deep extends S.70° W. 50 ft. in rock.	Value.	\$ 270.00
No. 13	A shaft which bears from Cor. No.1, N.21°55' W. ³ / ₆₂ ft. 4 x 6 ft. 75 ft. deep in rock.	Value	\$1500.00
	An undivided one fifth interest in improvement No.7 Mammon lode of this survey is accredited to this lode.	Value	\$1815.00
	On MAMMON ZEOLITE No.1 lode.		
No.1	The Discovery cut the face of which is on the lode line at N.57° 48' E. 130 ft. from the west end center , 4 ft. wide 8 ft. face runs N.45° E. 13 ft. to mouth, at face of cut a tunnel 4 x 6 ft. runs S.45° W. 9 ft. to face, in mineralized schist and quartzite.	Value of cut and tunnel	\$ 160.00
No. 2	A shaft which bears from Cor. No.3, N.6° 25' E. 331 ft. 4 x 6 ft. 9 ft. deep in mineralized schist and quartzite.	Value	\$ 90.00

No. 3 A cut the face of which bears from Cor. No.3 N.53°20' E. 640 ft. 4 ft. wide 10 ft. face runs S.75° E. 15 ft. to mouth, at face of cut a tunnel 4 x 6 ft. runs N.75° W. 18 ft. to face in rock.
Value of cut and tunnel \$ 280.00

NO. 4 A cut the face of which bears from Cor. No.3, N.45° E. 710 ft. 4 ft. wide 10 ft. face runs N.50° E. 39 ft. to mouth, in rock.
Value \$ 200.00

An undivided one fifth interest in improvement No.7 Mammon lode of this survey, is accredited to this lode.
Value \$1815.00

On MAMMON ZEOLITE No.10 lode

No.1 The Discovery shaft which is on the lode line 47 ft. from the East end center, 4 x 6 ft. 50 ft. deep, in mineralized schist and limestone, timbered.
Value \$1000.00

An undivided one fifth interest in improvement No.7 Mammon lode of this survey is accredited to this lode
Value \$1815.00

On MAMMON ZEOLITE No.11 lode.

No. 1 The Discovery shaft which is on the lode line at N.73°39' E. 755 ft. from the west end center, 4 x 6 ft. 10 ft. deep
Value \$ 100.00

No.2 A cut the face of which bears from Cor, No.3 N.58°50' W. 282 ft. 4 ft. wide 8 ft. face runs N.30° E. 15 ft. to mouth, at face of cut a tunnel 4 x 6 ft. runs S.50° W. 6 ft. to face in rock.
Value \$ 140.00

No.3 A tunnel the mouth of which bears from Cor. No.2 S. 13° E. 100 ft. 4 x 6½ ft. runs S.20° W. 10 ft. to face, in rock.
Value \$ 150.00

An undivided one fifth interest in improvement No.7 Mammon lode of this survey is accredited to this lode.
Value \$1815.00

Other Improvements.

A store house the east corner of which bears from Cor, No.1 Mammon Zeolite lode, N.65°45' W. 202 ft. 20 ft. wide 40 ft. long, course of long side N.40° W.

A frame boarding house ~~the~~, the east corner of which bears from Cor . No.1 Mammon Zeolite lode, N.58°55' W. 327 ft. 14 ft. wide 30 ft. long, course of long side N.48° W.

A frame Office building, the south corner of which bears from Cor. No.1, Mammon Zeolite lode, N. 17° W. 285 ft. 18 ft. wide 24 ft. long course of long side N.48° E.

All of the above belong to claimant herein.

INSTRUMENT

This survey was made with an Ainsworth and Sons Transit, The courses were deflected from the true meridian as determined by direct solar observations, The distances were measured with 100 and 500 ft. steel tapes.

R E P O R T

All lines and ties in this survey were run upon the ground and the Courses and distances found to be as herein given.

The $\frac{1}{4}$ Cor. between sections 3 and 34 T. 9 and 10 N. R. 18 W. G. and S.R. M. is a 1 inch iron pipe with a brass cap, properly set and marked.

The Corner to sections 3 - 4, 33 and 34 T. 9 and 10 N., R. 18 W. G. and S. R. M. is a 2 inch iron pipe with a brass cap properly set and marked.

Note

The disagreements between these field notes and the amended location certificates are due to errors in the latter.

Field Notes

A steel corner was set at the corner of section 34 T. 9 and 10 N. R. 18 W. G. and S. R. M. The corner is a 2 inch iron pipe with a brass cap. The distance from the corner to the center of the section is 100 feet. The distance from the corner to the center of the section is 100 feet. The distance from the corner to the center of the section is 100 feet.

Remarks

The survey was made with an aneroid barometer and the courses were reduced to mean sea level. The distances were measured with a steel tape.

REPORT

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Edward L. Haff

United States Mineral Surveyor, to assist in running, measuring, and marking the lines, corners, and boundaries described in the foregoing field notes of the survey of the mining claim of _____

Mammon Copper Company

known as the Mammon, Mammon Zeolite No.1, Mammon Zeolite, Mammon Zeolite No.10, and Mammon Zeolite No.11. lodes

and showing the respective capacities in which they acted.

Fred W. Grosley _____, *Chainman.*

_____, *Chainman.*

_____, *Asman.*

_____, *Flagman.*

FINAL OATHS OF ASSISTANTS.

~~We~~, I, Fred W. Grosley _____

and _____, do solemnly swear that we assisted _____

Edward L. Haff _____, United States Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of Mammon Copper Company

~~Known as the~~ Known as the Mammon, Mammon Zeolite, Mammon Zeolite No.1, Mammon Zeolite No.10

~~known as the~~ and Mammon Zeolite No 11 lodes.

represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully and correctly executed, and the corner and boundary monuments established according to law and the instructions furnished by the United States Surveyor-General for Arizona

Fred W. Grosley _____, *Chainman.*

_____, *Chainman.*

_____, *Asman.*

_____, *Flagman*

Subscribed and sworn to by the above-named persons before me this 20th

day of January 1923

John L. Van
Notary Public
Los Angeles County
Calif

4-686.

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Edward L. Haff, U. S. Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the United States
Surveyor General for Arizona, dated
January 8th. 1923, I have, in strict conformity to the laws of the
United States, the official regulations and instructions thereunder, and the instructions
of said Surveyor General, faithfully and correctly executed the survey of the Mining
Claim of Mammon Copper Company
....., known as the
Mammon, Mammon Zeolite, Mammon Zeolite No.1, Mammon Zeolite No.10 and Mammon,
Zeolite N.11 lodes
situate in Seneca Mining District,
Yuma County, Arizona, in Section 8
3 - 4 and 34, Township No. 9 and 10, Range No. 18 W. Gila and Salt River Meridian
34 10 N. 18 W.
and designated as Survey No. 3877, as represented
in the foregoing field notes, which accurately show the boundaries of said mining claim
as distinctly marked by monuments on the ground, and described in the attached copy
of the location certificate, which was received by me from the Surveyor General with
said instructions, and that all the corners of said survey have been established and per-
petuated in strict accordance with the law, official regulations and instructions there-
under; and I do further solemnly swear that the foregoing are the true and original
field notes of said survey and my report therein, and that the labor expended and
improvements made upon said mining claim by claimant or its grantors
are as therein fully stated, and that the character, extent, location, and itemized value
thereof are specified therein with particularity and full detail, and that no portion of
said labor or improvements so credited to this claim has been included in the estimate
of expenditures upon any other claim.

Edward L. Haff
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Edward L. Haff
U. S. Mineral Surveyor, before me Robert L. Ware
Notary Public this 20th
day of January, 1923

Robert L. Ware
Notary Public
Los Angeles County Cal
My Commission Expires March 13, 1924

U. S. SURVEYOR-GENERAL'S FINAL CERTIFICATE ON FIELD NOTES.

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

February 19, 1923.

I, U. S. Surveyor-General for District of Arizona

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of

Mammon Copper Company known as the MAMMON, MAMMON ZEOLITE, MAMMON ZEOLITE NO. 1, MAMMON ZEOLITE NO. 10, and MAMMON ZEOLITE NO. 11 lodes

situate in Seneca

Mining District, Yuma County, Arizona

in Sections 3 & 4, Township No. 9 N., Range No. 18 W., Unsur., & 34, Township No. 10 N., Range No. 18 W., and

designated as Survey No. 3877, has been correctly copied from the originals on file in this office; that said Field Notes furnish such an accurate description of said mining claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

And I further certify that five hundred dollars' worth of labor has been expended or improvements made upon said mining claims by claimant or its grantors, and that said improvements consist of 15 cuts, 9 tunnels, 10 shafts, 7 drifts, and 1 raise, total value \$28,865.

and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

I further certify that the plat thereof, filed in the U. S. Land Office at Phoenix, Arizona, is correct and in conformity with the foregoing Field Notes.

Frank P. Trott

United States Surveyor-General for Arizona.

**SURVEYOR GENERAL'S CERTIFICATE OF APPROVAL OF FIELD NOTES
AND SURVEY OF MINING CLAIM**

**DEPARTMENT OF THE INTERIOR
OFFICE OF U. S. SURVEYOR GENERAL**

Phoenix, Arizona,

February 19, 1923

I, U. S. Surveyor General for District of Arizona,

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of

Mammon Copper Company

known as the
MAMMON, MAMMON ZEOLITE, MAMMON ZEOLITE NO. 1, MAMMON ZEOLITE NO. 10,
and MAMMON ZEOLITE NO. 11 lodes

situate in Seneca mining district,

Yuma County, Arizona

in Section s 3 & 4, Township No. 9 N. 18 W., Unsur., &
34, Range No. 18 W.

designated as Survey No. 3877

executed by Edward L. Haff, U. S. Mineral

Surveyor, January 13 - 18, 1923, under my instructions dated

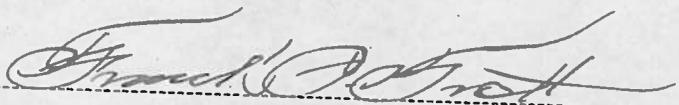
January 8, 1923, have been critically examined and the necessary

corrections and explanations made, and the said Field Notes and Return, and the survey they describe,

are hereby approved. The certified copy of the location certificate filed by the applicant for survey is

on file in this office and a true copy of said certified copy of said location certificate is included and

made a part of the transcript of the field notes.



U. S. Surveyor General for Arizona.

UNITED STATES DEPARTMENT OF THE INTERIOR 9605 (956)
BUREAU OF LAND MANAGEMENT M.S. 3877
ARIZONA STATE OFFICE

NOTICE OF CANCELLATION OF MINERAL SURVEY

The MAMMON ZEOLITE No. 10 and MAMMON ZEOLITE No. 11 lodes, Mineral Survey No. 3877, located in section 3, Township 9 North, Range 18 West, and section 34, Township 10 North, Range 18 West, Gila and Salt River Meridian, Arizona, are hereby canceled.

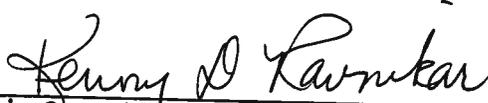
These claims have not been filed with the Arizona State Office, Bureau of Land Management, in accordance with Section 314, 90 STAT. 2769, (43 U.S.C. 1744).

This cancellation was necessitated to clear the record.

The Mineral Survey Plat should be noted as follows:

"MAMMON ZEOLITE No. 10 and MAMMON ZEOLITE No. 11 lodes, M.S. 3877, were canceled May 20, 2002, by memo 9605 (956) M.S. 3877, which is now a part of the original field notes."

May 20, 2002
Date



Chief Cadastral Surveyor of Arizona